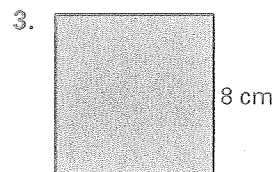
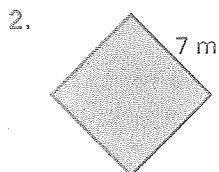
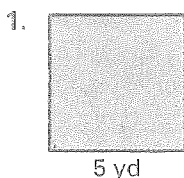


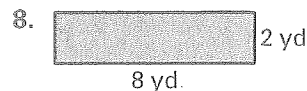
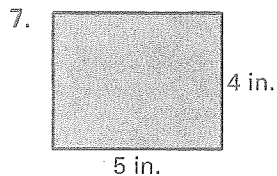
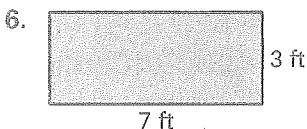
Practice A

For use with pages 424–429

Use the formula $\text{Area} = (\text{side})^2$ to find the area of the square.

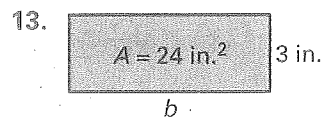
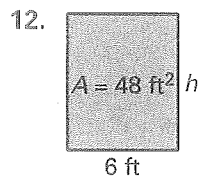
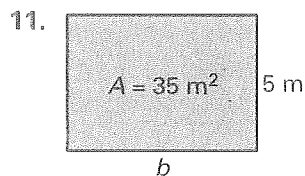
Sketch the figure and find its area.

4. a square with side lengths of 6 feet
5. a square with side lengths of 10 inches

Use the formula $\text{Area} = (\text{base})(\text{height})$ to find the area of the rectangle.

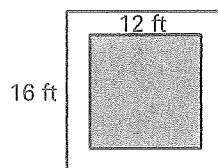
Sketch the figure and find its area.

9. a rectangle with a base of 9 meters and a height of 10 meters
10. a rectangle with a base of 12 feet and a height of 4 feet

A gives the area of the rectangle. Find the missing side length.

A square rug covers part of the floor of a square dining room.

14. Find the area of the rug.
15. Find the area of the dining room floor.

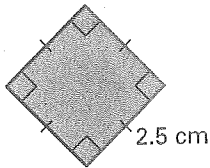


Practice B

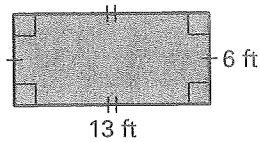
For use with pages 424–429

Find the area of the quadrilateral.

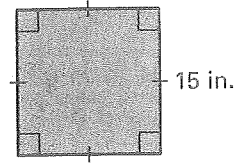
1.



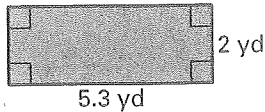
2.



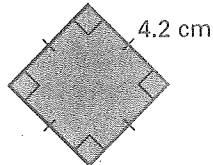
3.



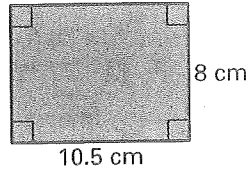
4.



5.



6.



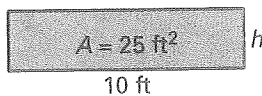
Sketch the figure and find its area.

7. a square with side lengths of 3.5 yards

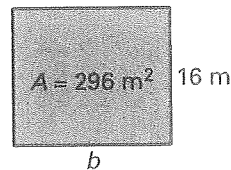
8. a rectangle with a base of 7.2 meters and a height of 4 meters

In Exercises 9–11, A gives the area of the rectangle. Find the missing side length.

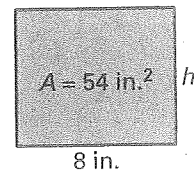
9.



10.

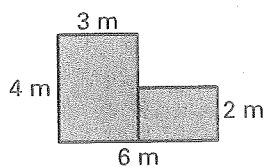


11.

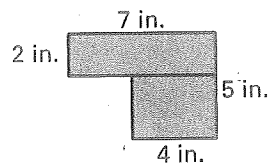


In Exercises 12–14, find the area of the polygon made up of rectangles.

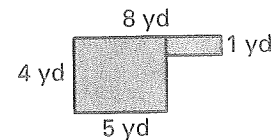
12.



13.



14.



15. A deck wraps around the back of a house. Find the area of the deck made up of rectangles.

